15(2) Voronin, N. I., Gorodetskiy, V. S., SOV/131-59-6-8/15 AUTHORS: Levchuk. On the Heat Resistance of the Corundum Mass at High TITLE: Temperatures (O termostoykosti korundovykh maes pri vysokoy temperature) Ogneupory, 1959, Nr 6, pp 272-276 (USSR) PERIODICAL: Up to now comparatively few papers dealt with the problem ABSTRACT: of a possible increase of the heat resistance of corundum products. In this connection the names of Y. L. Balkevich, V. A. Bron, W. Smothers, H. Reynolds, D. H. Poluboyarinov, and I. N. Silina are mentioned. The authors of this paper made it their task to find the influence of various factors on the heat resistance of corundum tests at a temperature range of from room temperature to 2,000°. They examined the influence of additions of titanium dioxide, magnesium fluoride, as well as the insertion of electro-melted corundum in masses of technical alumina on the heat resistance of corundum shard within the above mentioned temperature range (footnote 1). Card 1/2

On the Heat Resistance of the Corundum Mass at High SDV/131-59-6-8/15

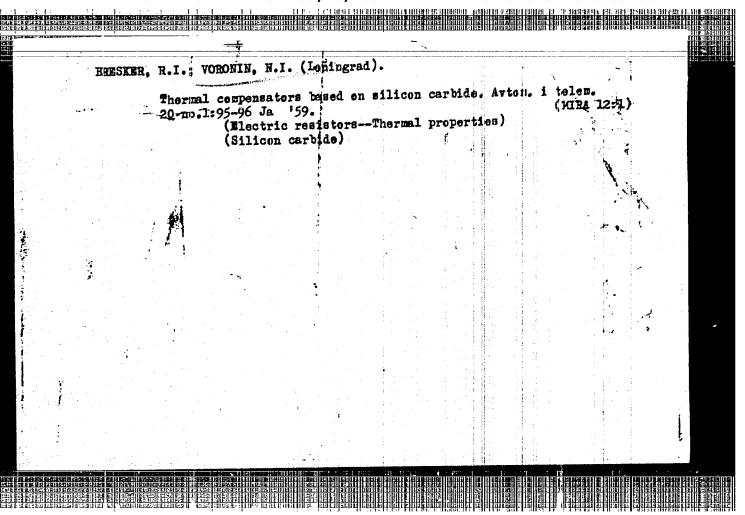
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Figures 1 - 4 show the grinding of microstructures of tests with technical alumina and with various additives. Table 2 gives the characteristics of tests with technical alumina and an addition of electro-melted corundum. The composition of the masses, as well as the properties of the tests with the addition of stabilized zirconium dioxide can be seen in table 3. Conclusion: For obtaining heat-resisting corundum products - they need not be of great density - for temperatures of up to 2000°, masses are recommended which consist of a mixture of 30% of technical alumina and of 70% of white, electro-melted corundum. An addition of 2r0, has a positive effect on the sintering and on the heat resistance of the masses mentioned above. There are 4 figures, 3 tables, and 6 references, 3 of which are Soviet.

ASSOCIATION:

Vsesoyuznyy institut ogneuporov (All-Union Institute of Refractories)

Card 2/2



SOV/19-58-6-174/685

AUTHORS:

Voronin, N.I., Bresker, R.I., and Benenson, B.Ye.

TITLE:

Substance for Production of Electric Thermo-Compensation Resistances (Massa dlya izgotovleniya termokompensatsionnykh elektricheskikh soprotivleniy)

PERIODICAL:

Byulleten' izobreteniy, 1958, Nr 6, p 42, (USSR)

ABSTRACT:

Class 21c, 5405. Nr 113842 (580690 of 17 Jul 1957). Submitted to the Committee for Inventions and Discoveries at the Ministers Council of USSR. A mass composed of carborundum, metallic silicon, titanium dioxide in the proportion of 40:10:30 (according to weight) and kaolin; resistances of this mass conserve their stability in a wider temperature range.

Card 1/1

15(2) AUTHORS:

Voronin, N. I., Krasotkina, N. I.

507/131-59-3-9/18

TITLE:

Refractory Lining for Cyclonic Combustion Chambers With Liquid Slag Discharge (Ogneupornaya futerovka dlya tsiklonnykh kamer sgoraniya s zhidkim shlakoudaleniyem)

a znidkim sniakoudaleniye

PERIODICAL:

Ogneupory, 1959, Nr 3, pp 129-134 (USSR)

ABSTRACT:

The stability of several refractories was investigated under laboratory conditions and the most stable ones were tested in cyclonic combustion chambers in the stands of the Viescycknyy teplotekhnicheskiy institut (VTI) im. Dzerzhinskogo (All-Union Thermotechnical Institute imeni Dzerzhinskiy) and the Tsentral nyy kotloturbinnyy institut (TsKTI) im. Polzuncva (Central Institute of Boilers and Turbines imeni Polzuncv). The experiments were darried out in conformity with OST NKTP 3270, apart from the testing temperatures which were chosen to be 1500-1600°, coal cinders being used in this connection. The curves of the melting temperatures of mixtures of slag and refractory material are shown on the figure. Table 1 shows the corroding by the slag and the grinding property of the refractories. The experiments proved that only the refractory carborundum products are not corroded by slag. Further, also carborundum and chromite linings (PKhM-6) were tested (Table 2). From the substance

Card 1/2

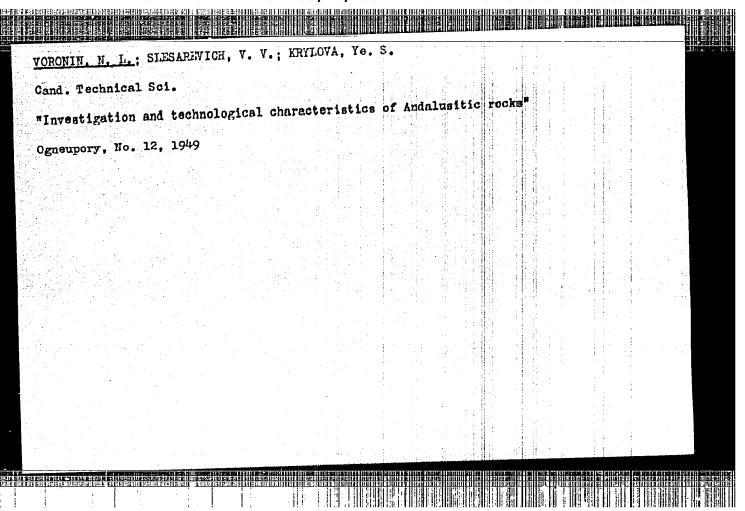
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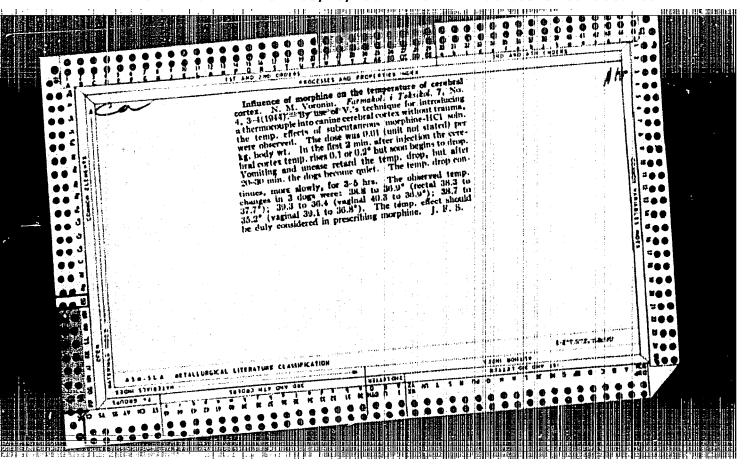
Refractory Lining for Cyclonic Combustion Chambers With Liquid Slag Discharge

which was made at the recommendation by Novikov and Smirnova carborundum bricks were produced and tested in a combustion chamber; the result was good (Table 3). Conclusions: carborundum bricks are suited as lining of cyclonic combustion chambers with liquid slag discharge. The lining of the chambers with carborundum products instead of plaster is regarded as being of advantage. The carborundum bricks must be made by means of pressing from masses which do not contain silicon and ferrosilicon.—There are 1 figure, 3 tables, and 10 references, 8 of which are Soviet.

ASSOCIATION: Vsesoyuznyy institut ogneuporov (All-Union Institute of Refractories)

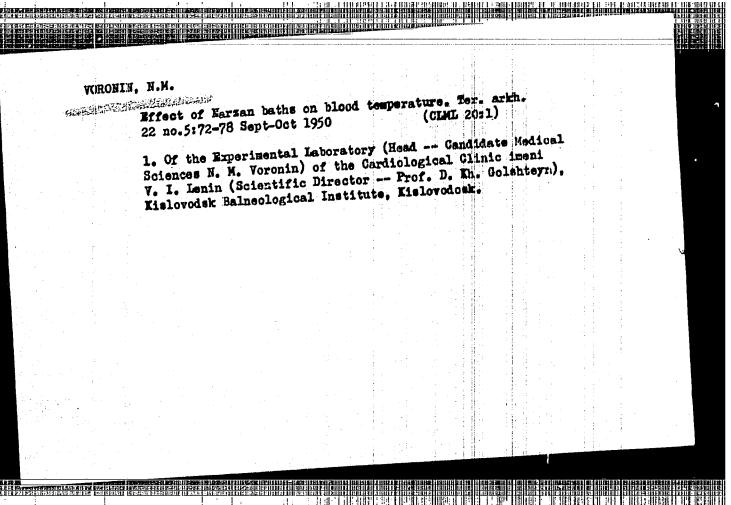


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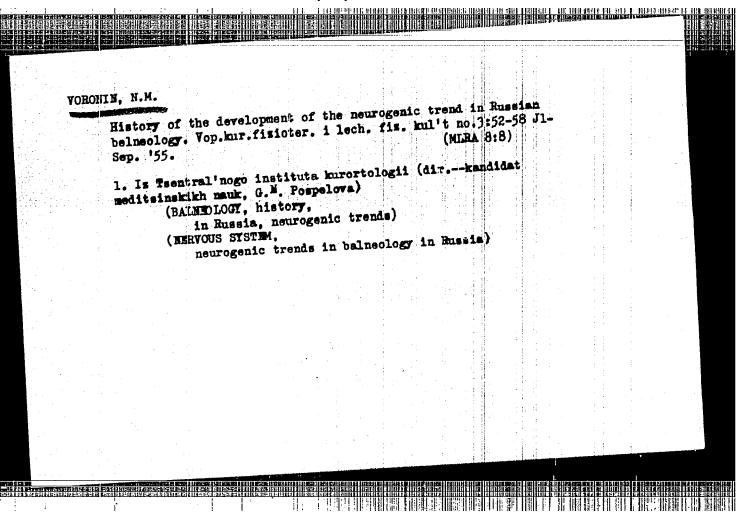


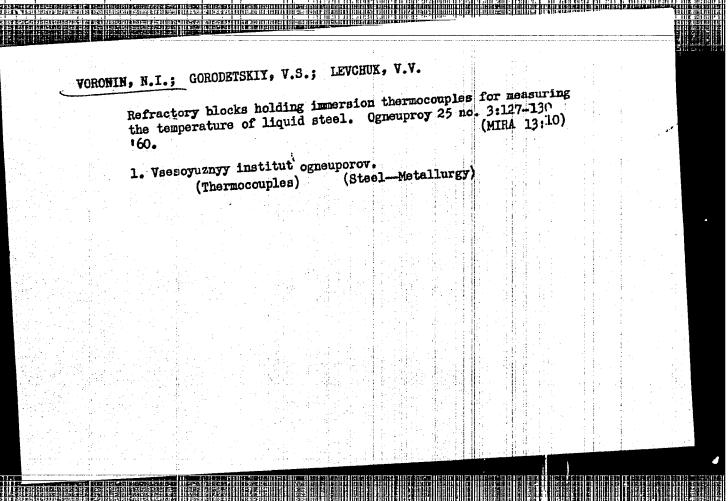
VORONIN, N. M. Doc Med Sci -- (diss) "Reactions of the organism to the action of carboning water. (Literary clinical-physiological, and experimental studies)." Mos. 1959. 16 pp (Central Inst for the Advanced Training of Physicians of the Min of Health USSR), 200 copies (KL, 50-59, 128)

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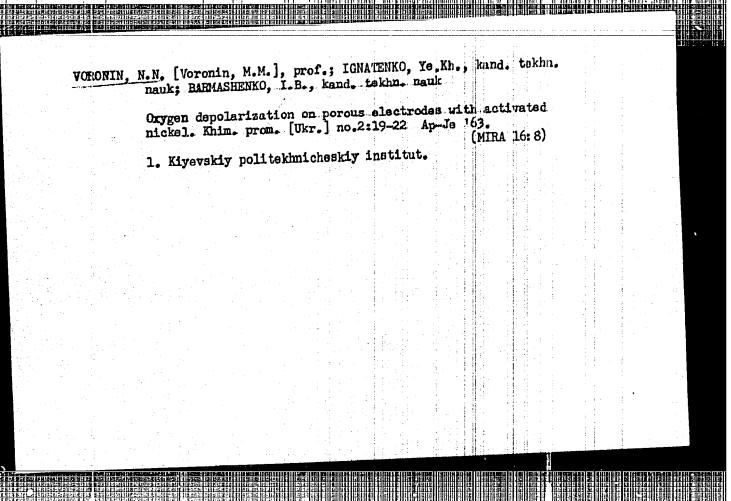
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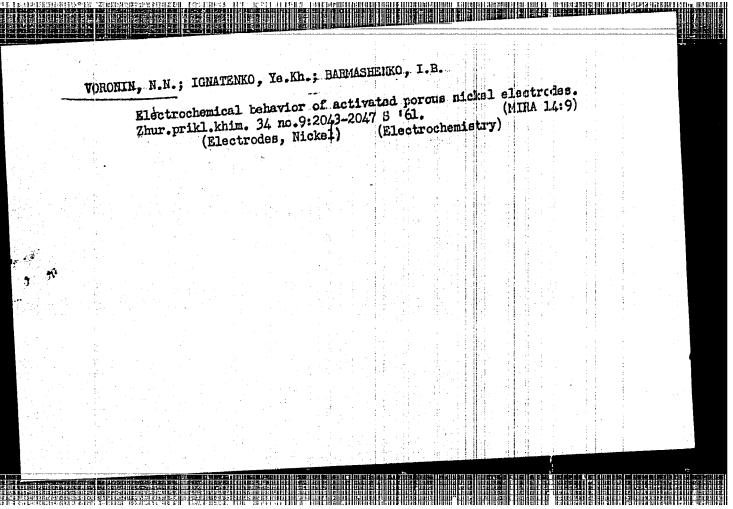


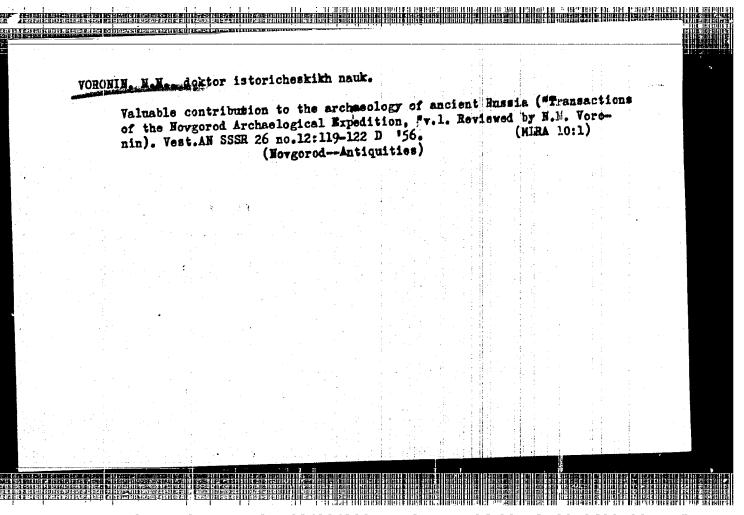


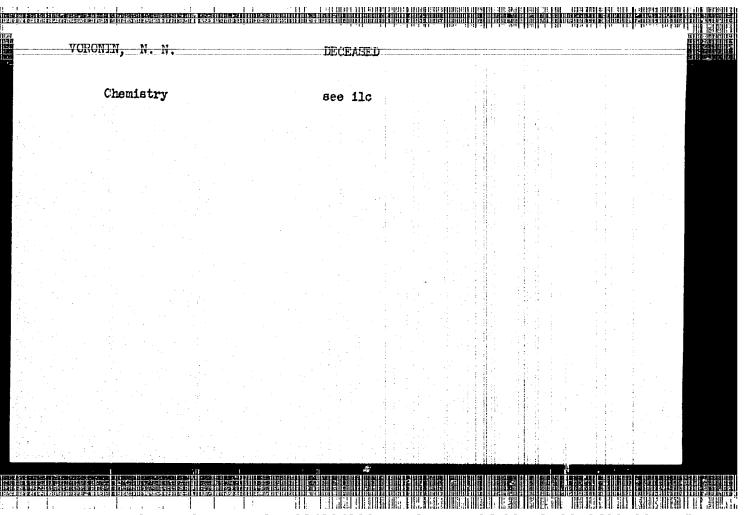
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L 4942-66 EWT(d)/IBD/FSS-2/EnT(1)/EEC(1:)-2/EnA(d)/T-8 Civ/15-2/III SOURCE CODE: UR/0286/55/000/518/0044/0044
ACC NR: AP5025696  AUTHORS: Brodovskiy, V. N.; Vvedenskiy, V. A.; Voronin N. H., Ko sever, I. G.;  Pogozhav, I. I.; Semenov; Yu. N.; Yakimenko, N. K.  ORG: none
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ABSTRACT: This Author Certificate presents a device for controlling a radio telescope in an azimuthal mounting. The device contains an input unit for the telescope in an azimuthal coordinate system and electric following drives reference data in the equitorial coordinate system and electric following drives reference data in the equitorial coordinate system and electric following drives for turning the radio telescope in azimuth and elevation angles. The reliability for turning the radio telescope in azimuth and unit contains a digital computer and precision of tracking are increased. The unit contains the ere connected via The cutput of the elevation angle and azimuth angular missis ten ere connected via
The cutput of the elevation angle and UX: 621-503,53:522.61  Card 1/2

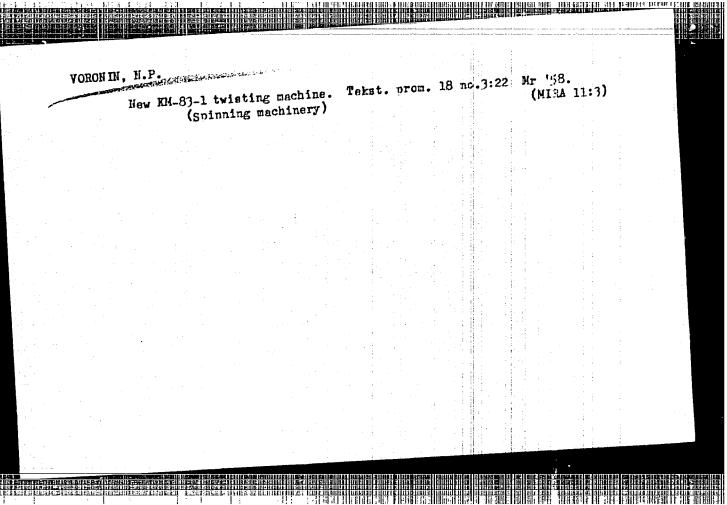
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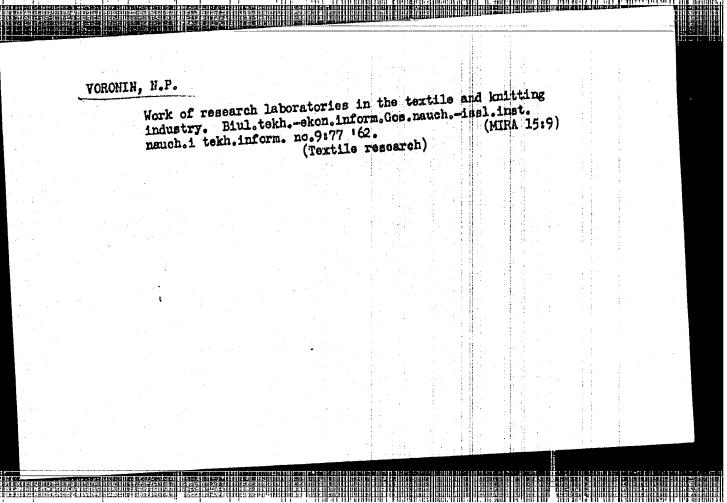


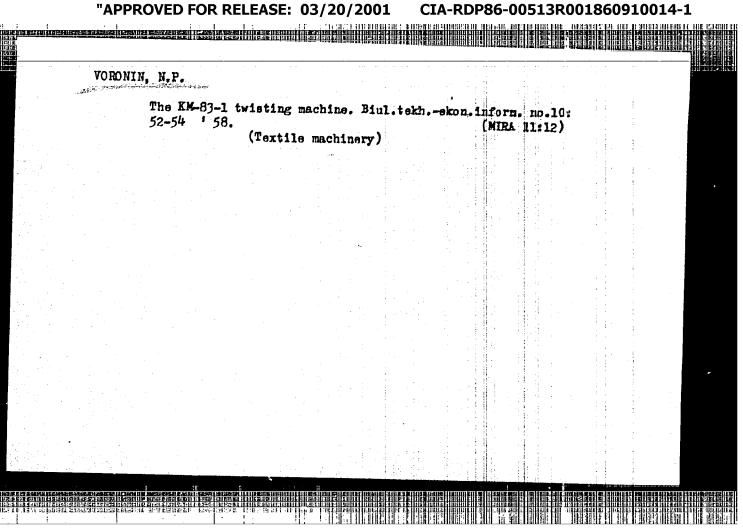




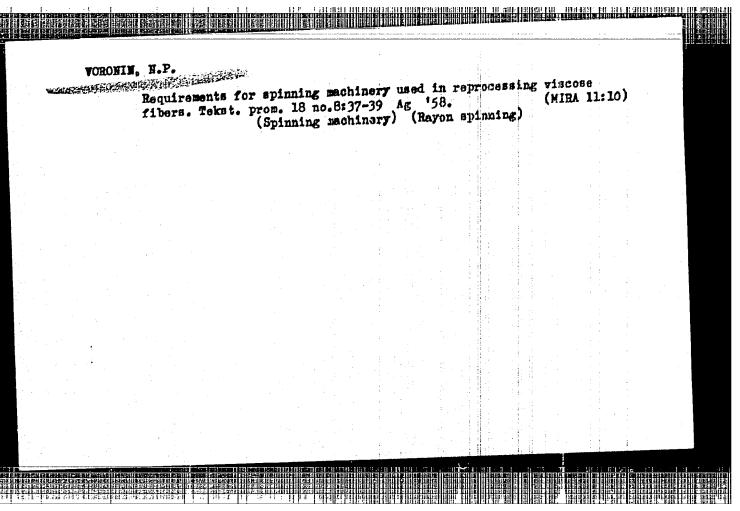


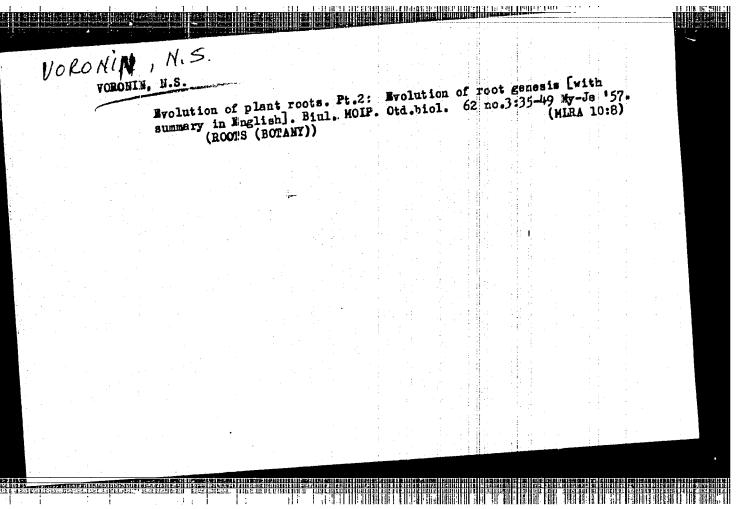






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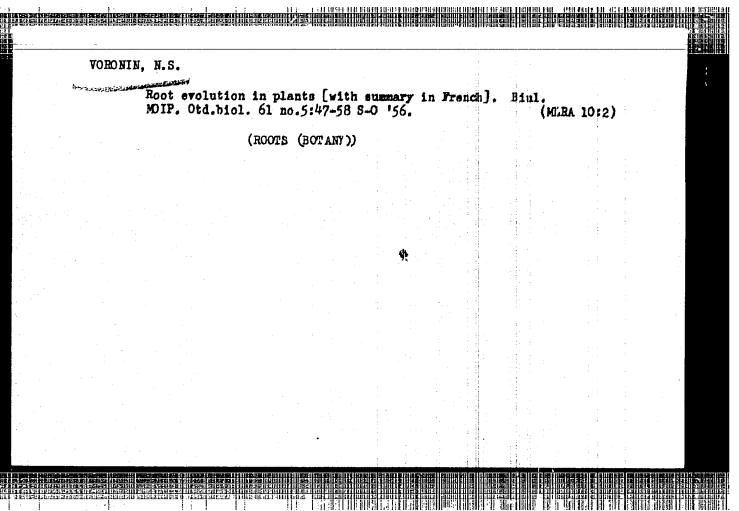


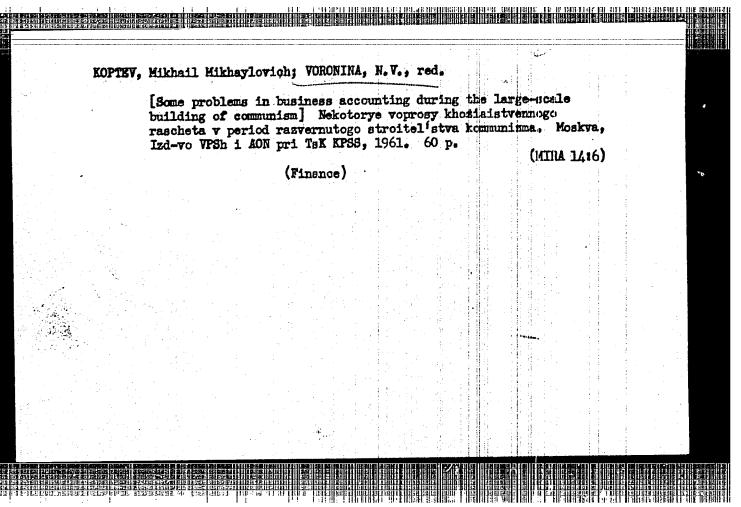
SIDOROV, O.P.; VORONIN, N.S.

Stabilization of the angular velocity of d.c. motors by connecting nonlinear resistances into the excitation circuit. Izv. vys. ucheb. zav.; elektromekh. 7 no.6:704-713 164.

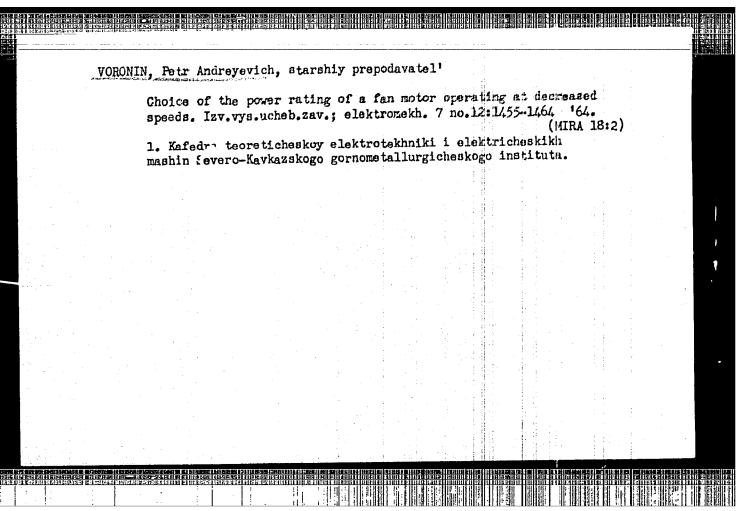
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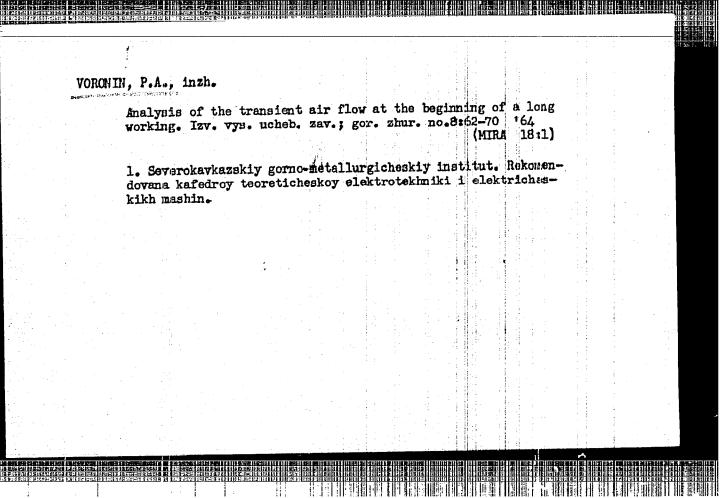
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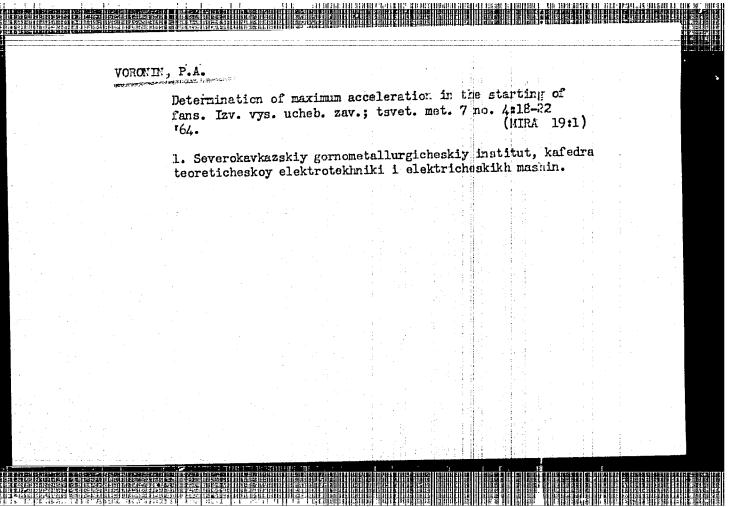


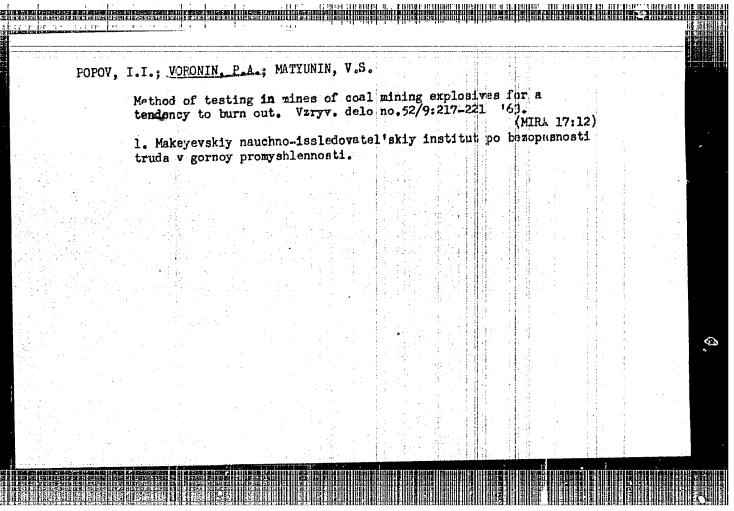


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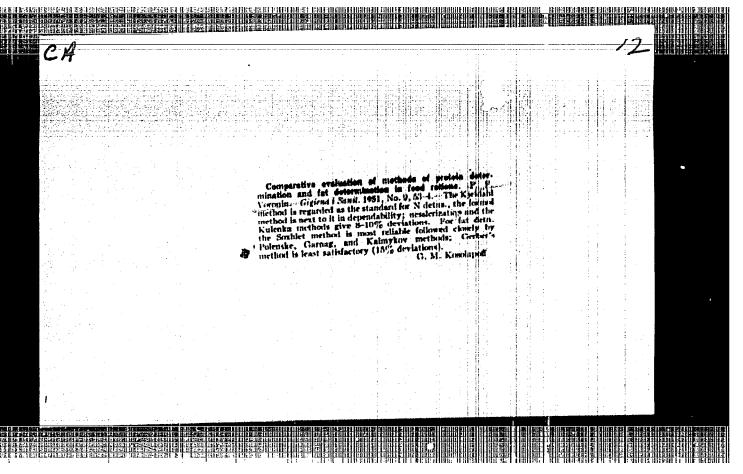


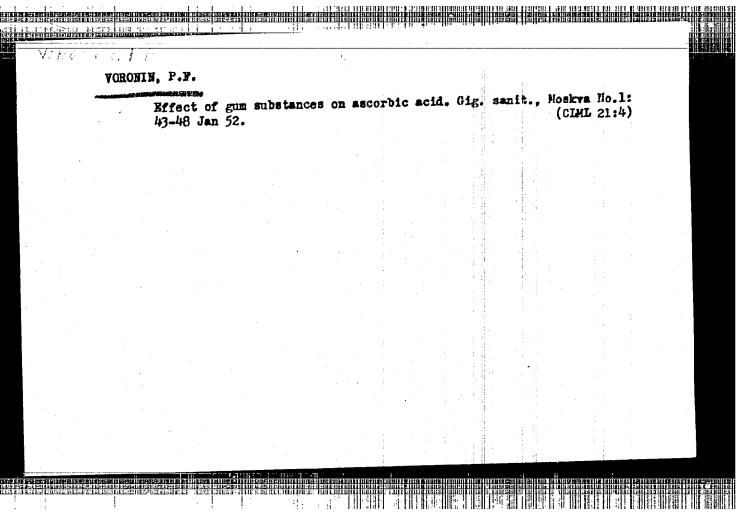


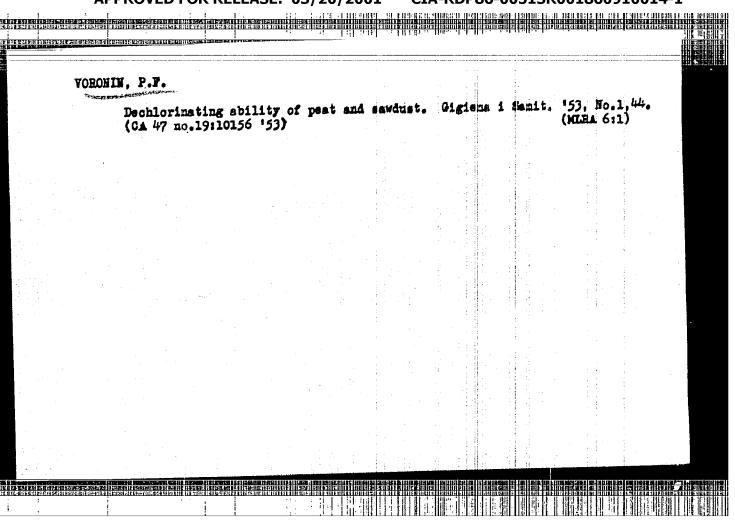


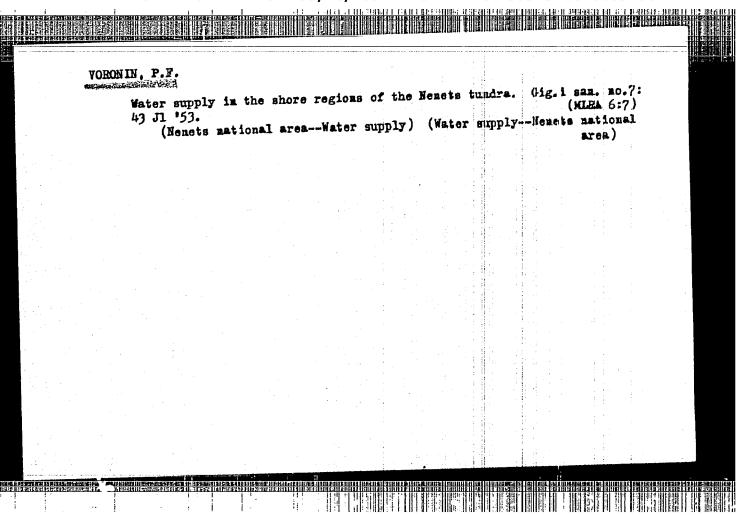


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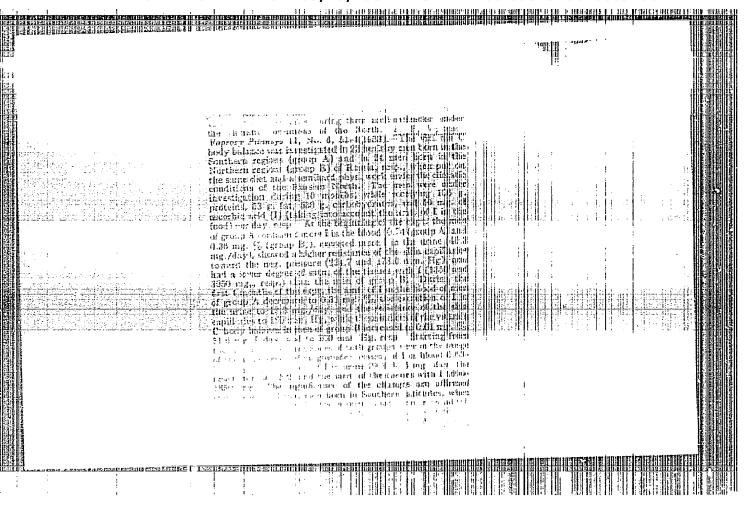


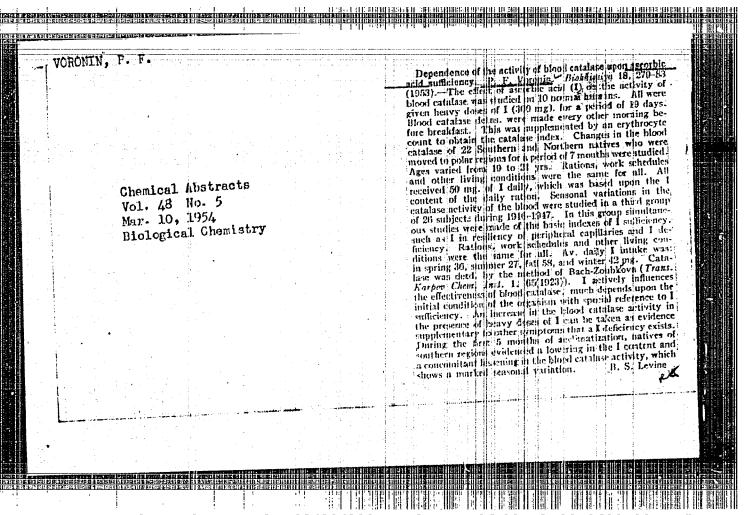


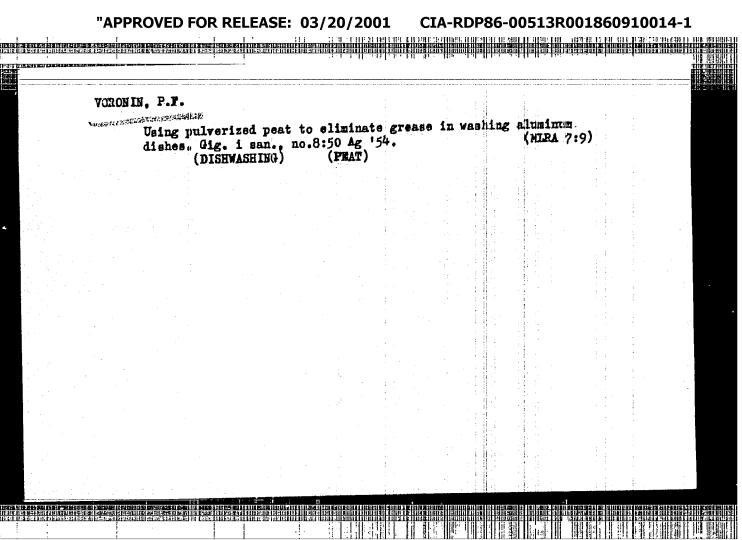


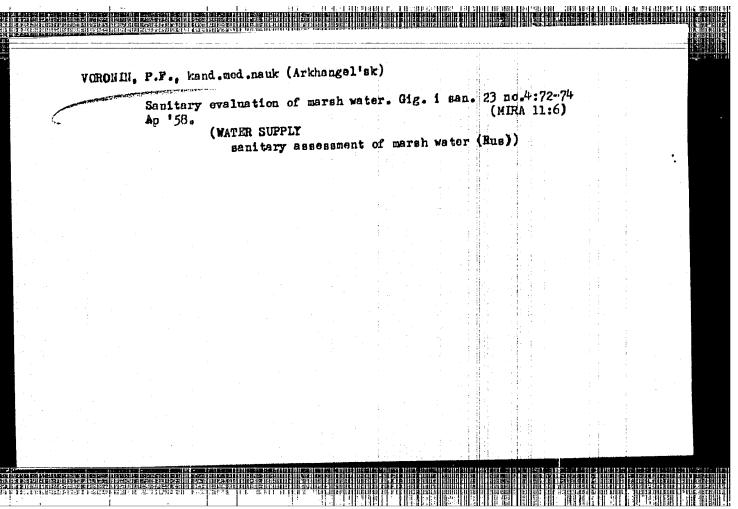


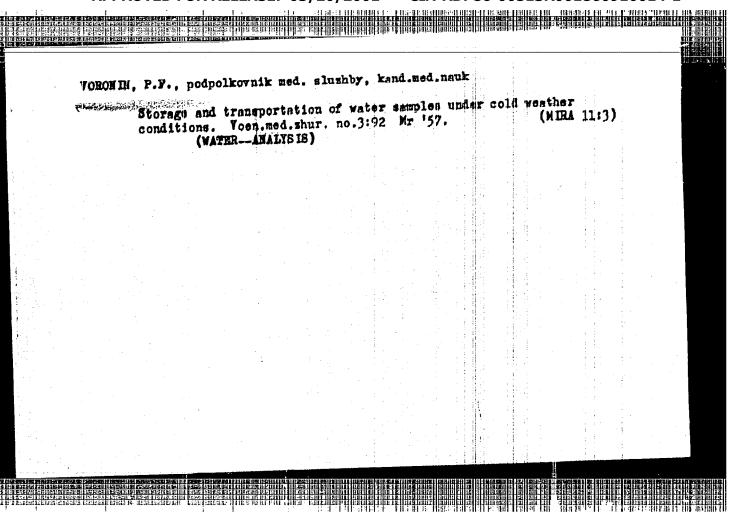
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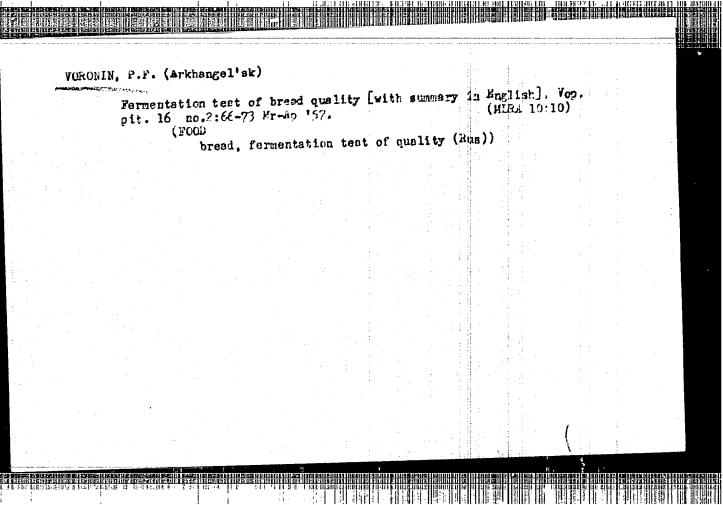


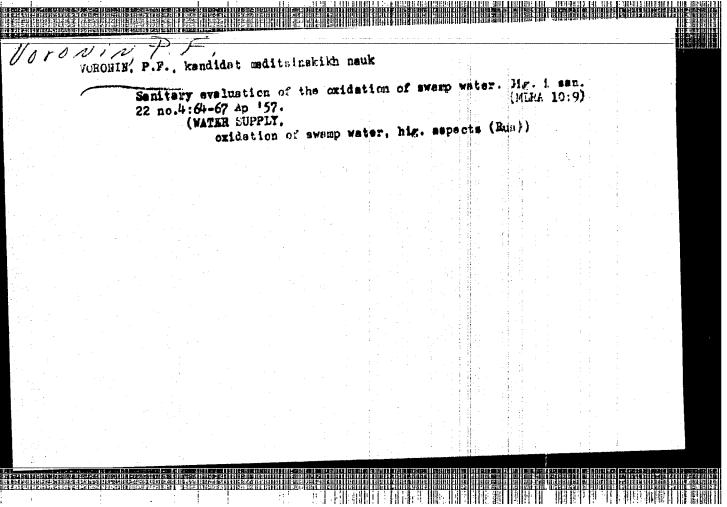


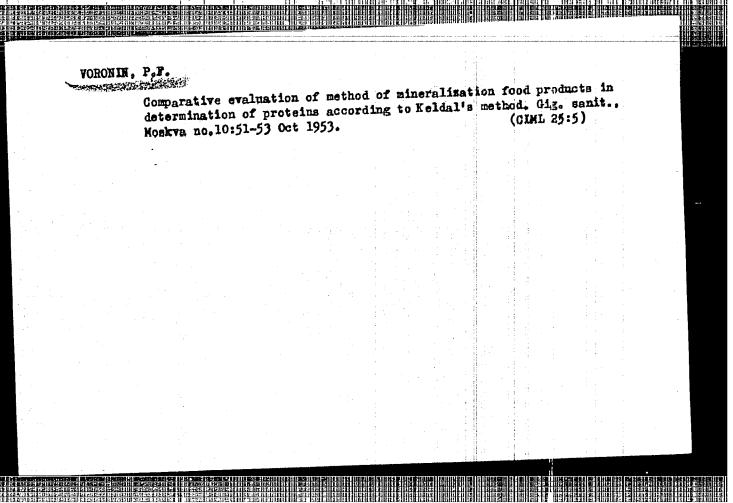




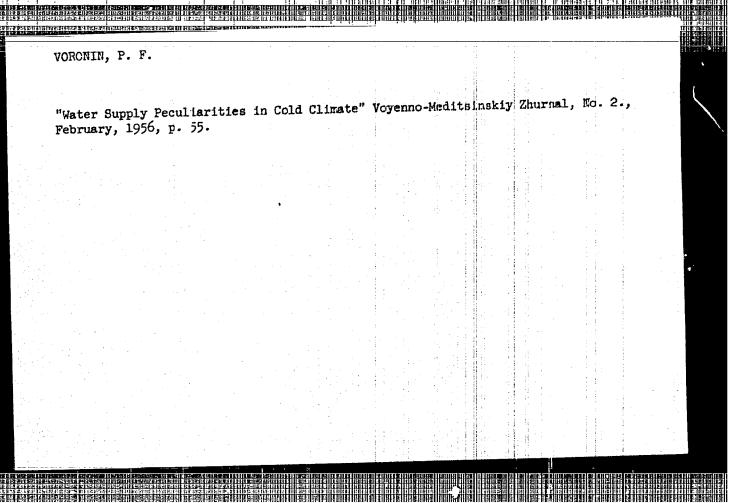


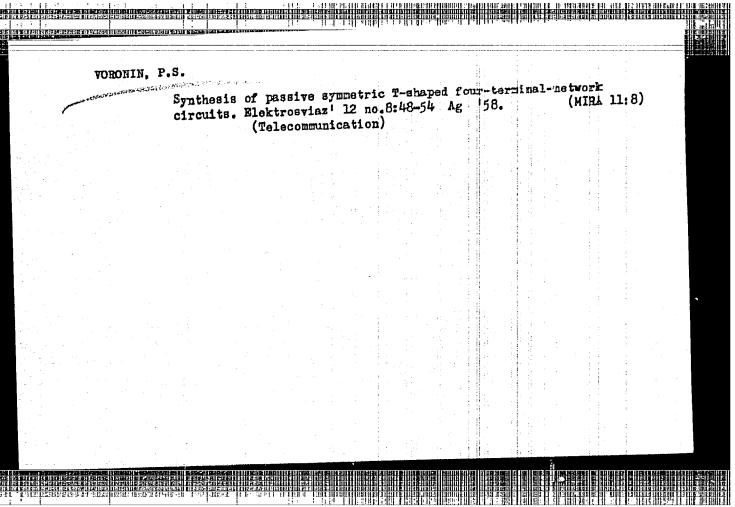


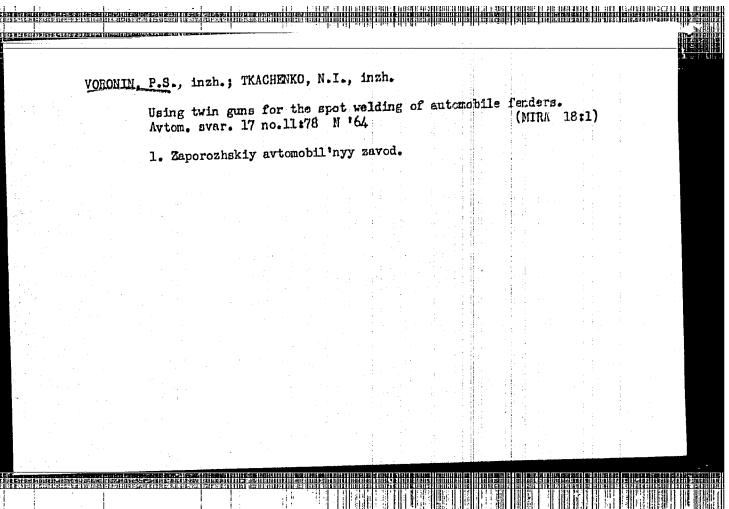




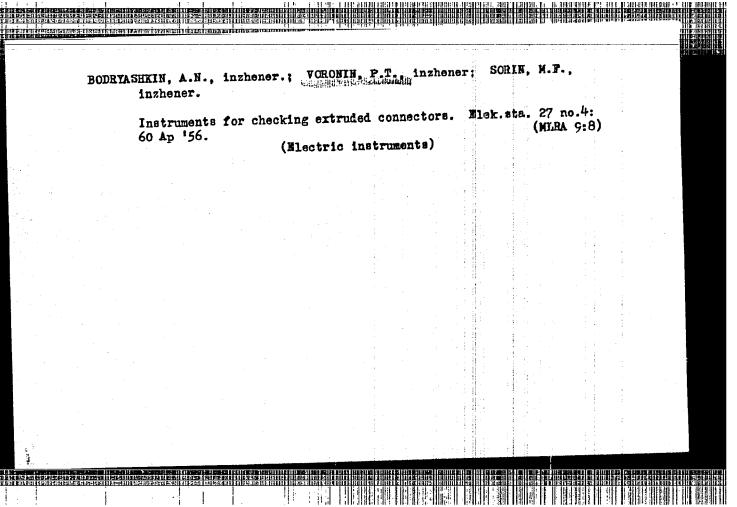
VOROHIN, P.F., podpolkovnik meditsinskoy sluzbby, kandidat meditsinskikh nauk. Peculiarites of water supply in a cold climate. Youn-mid. zhur. no.2;55-60 7 156 (WATER SUPPLY, in arctic climate, hyg. & chem. aspects) (Rus) (CLIMATE, water supply in arctic climate, byg. d chem. aspects) (Rus)

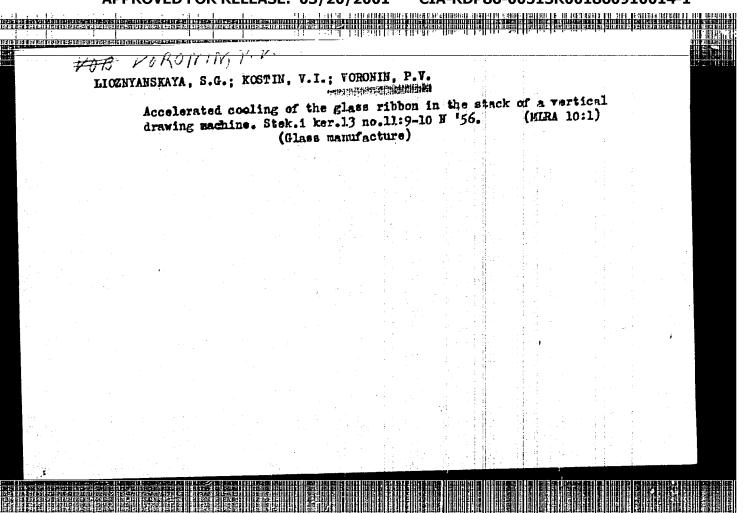






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VORONIN, P. V., SHVETS, S.YE.

Glass Manufacture

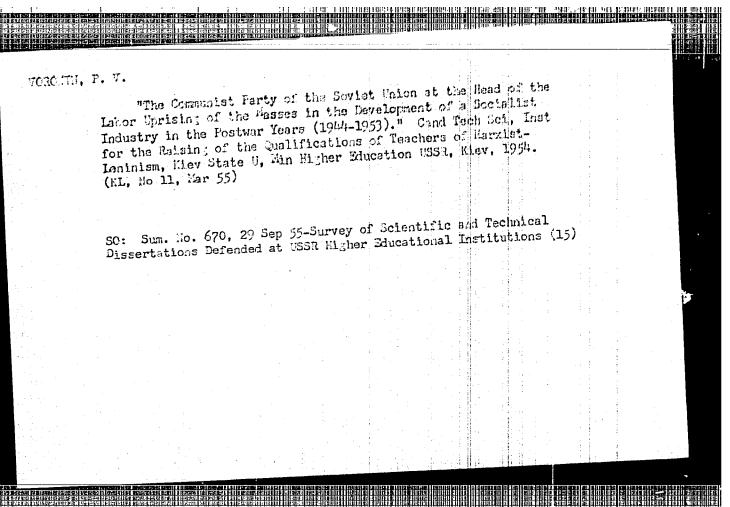
Cutting head for sharpening the asbestos roller on VVS machine. Stek. 1 ker. 9 No. 4, 1952

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.

- VORONIN, P. V., SHVETS, Ye. S. E.
- USSR (600)
- Glass Manufacture
- Clamping device for floats in chamber under machine, in the process of drawing glass strips with free surface., Stek. 1 ker., 9, No.10, 1952

Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

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2.	ussr (600)	
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AUTHOR: Voronin, 3.

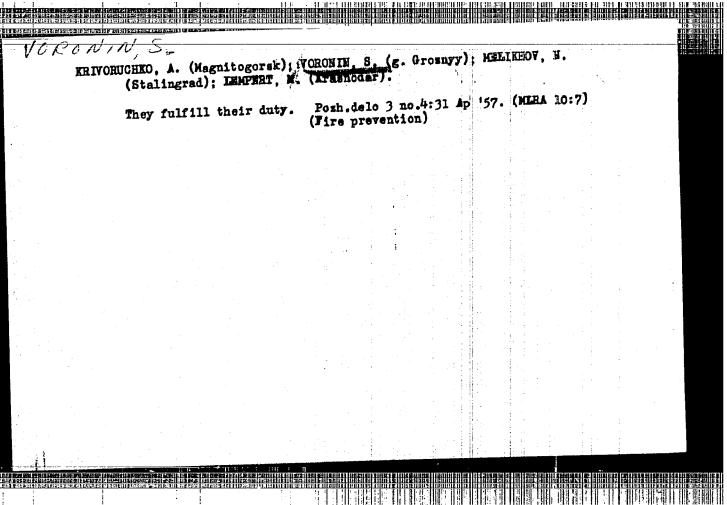
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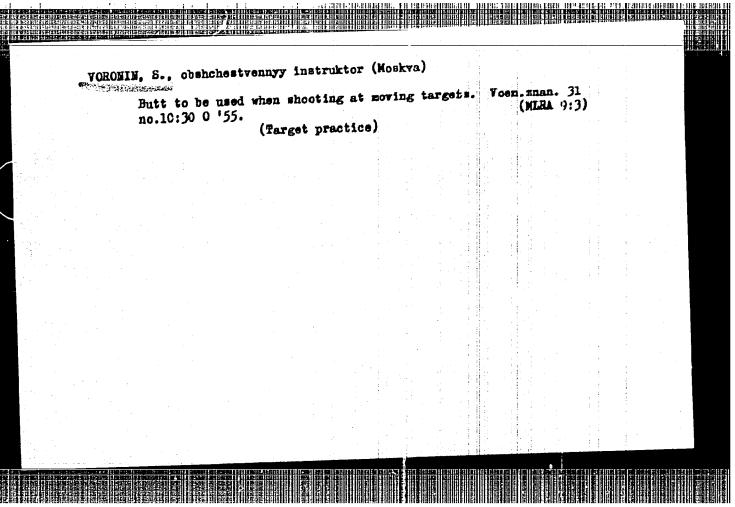
PERIODICAL: Professional'no-tekhnicheskoye obrazovaniye, 1958, Nr 8, page 22 (USSR)

ABSTRACT: The Groznyy Railroad School Nr 1, the School for Mechanization of Agriculture and the Technical School supplied near-by collective farms with free tools.

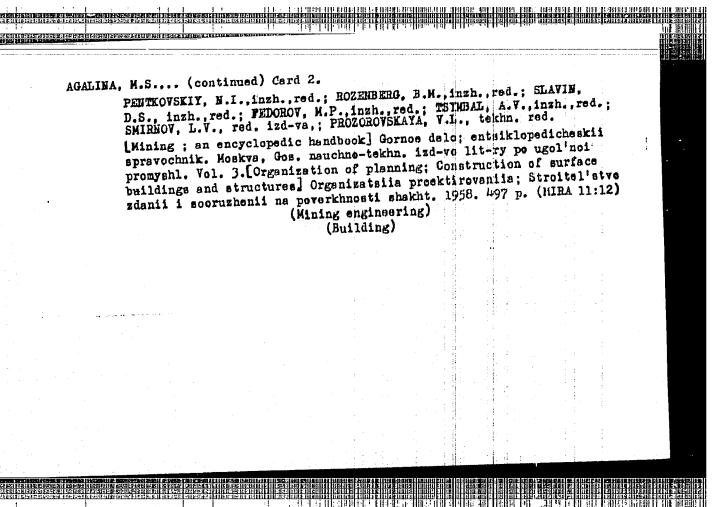
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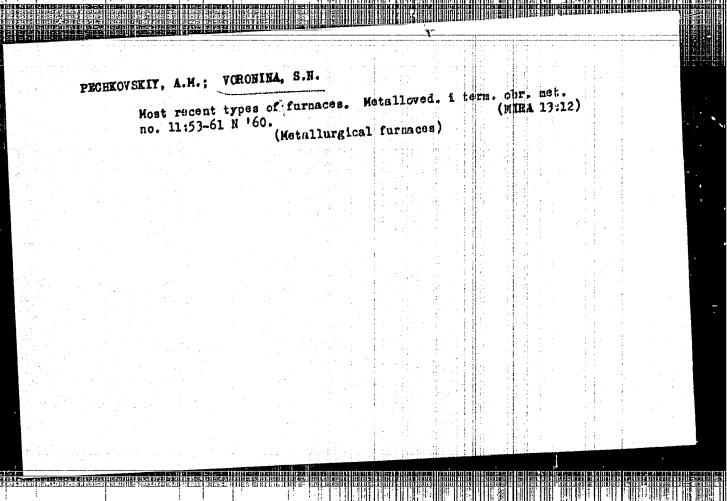
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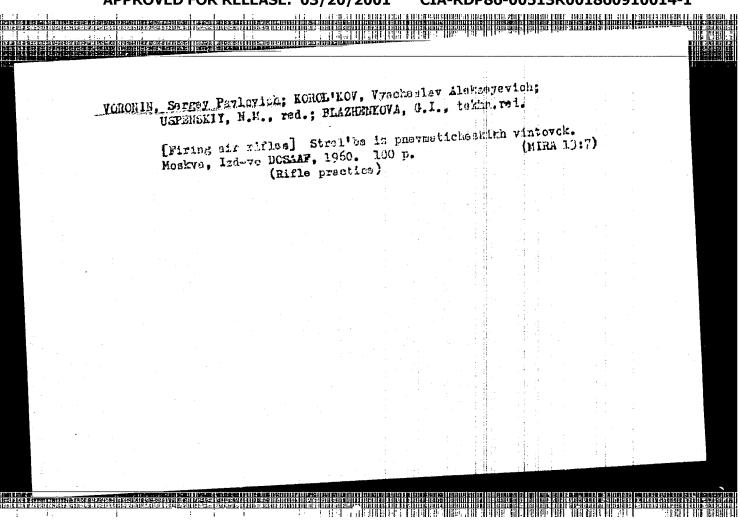




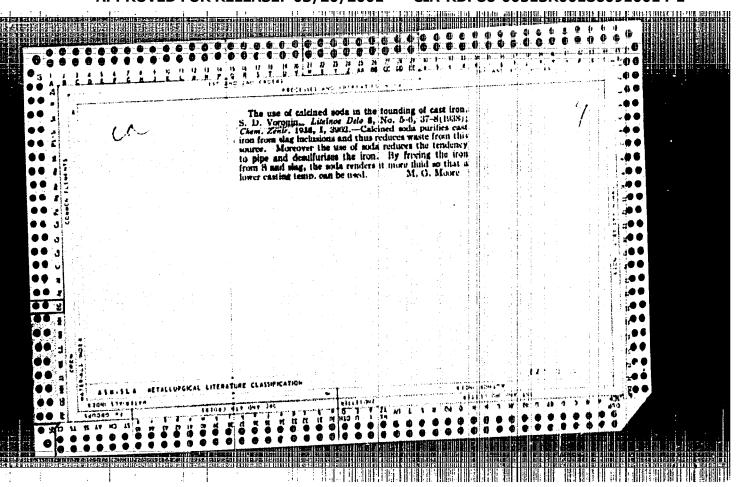
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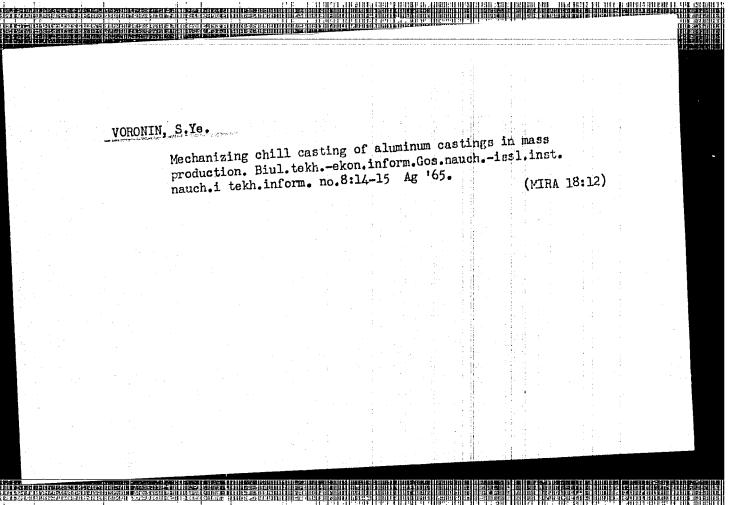


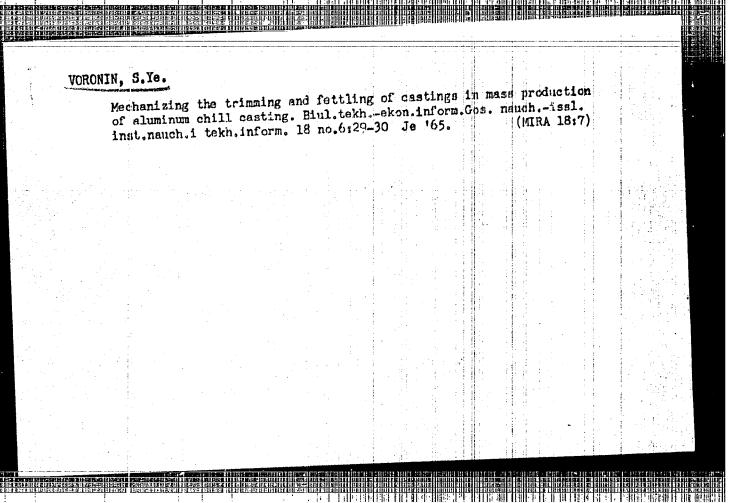


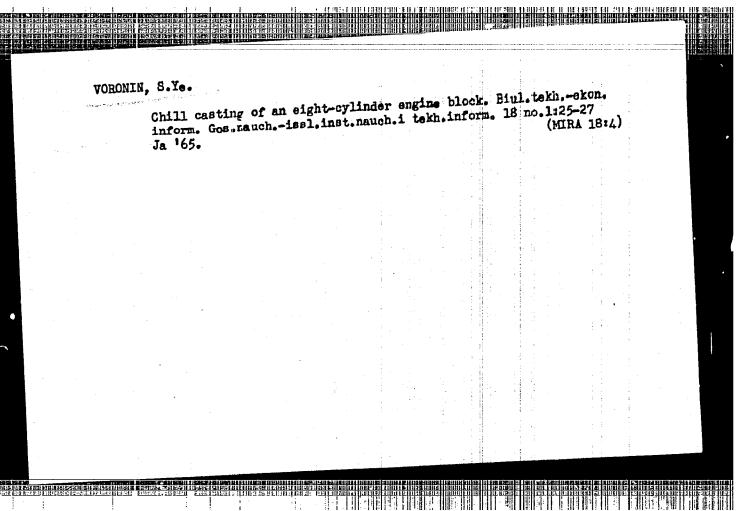


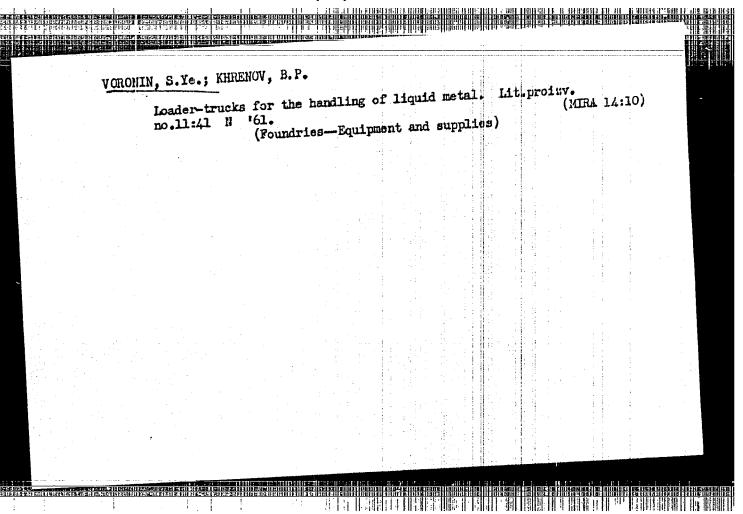
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sov/163-58-4-18/47 : 18(3) Voronin, T. A. AUTHOR: Manufacture of Metallic Molds by the Method of Putting-On (Izgotovleniye metallicheskikh liteynykh form metodom TITLE: namorazhivaniya) Hauchnyye doklady vysshey shkoly. Hetallurgiya, 1958, PERIODICAL: Nr 4, pp 108 - 110 (USSR) A cheap method for the manufacture of metallic molds is described here. This method consists in ABSTRACT: putting-on the metal on a normal body which is dipped into the melt for a short time. This method is particularly advantageous if we can use a specimen of the product as normal body. The mold thus put onto the specimen product requires no further nechanical working beside the sawing of the joint faces and the drilling of the necessary bores. The normal body may be made of metallic alloys, molding batch or clay. The normal body and the mctallic mold may be made of the same alloy. Experiments showed that the success of this method depends on the temperature curve chosen. Card 1/ 2

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Manufacture of Metallic Molds by the Method of Putting-0: 807/163-58-4-18/47

The method described is still in the experimentary stage and the tests showed some peculiarities of the method. The question of the thickness of mold and of the quality of the working surface is discussed. The wall thickness of the metal mold is influenced by: the time during which the normal body is in the melt, the melting temperature, the thermal capacity of the normal body, and the conditions of heat transmission during the putting-on. The causes of the formation of roughness and holes are pointed out. A drawback of the method is the difficulty in lifting the metal mold off the normal body. The mold is easily lifted if the langle on top of a conical normal body is more than 30°. There are 1 figure and 1 table.

ASSOCIATION: Moskovskiy energeticheskiy institut (Moscow Institute of Energy)

SUBMITTED:

February 14, 1958

Card 2/2

VORCENI	RONIA M. T.A. (Mos	kva)	•					
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ONIN, T.A.

AUTHOR: Voronin, T.A. (Moscow).

24-8-27/34

Contact stresses occurring in the case of a close fit of a rigid sleeve on an infinite cylinder. (Kontaktnyye TITLE: napryazheniya, voznikayushchiye pri tugoy posadke zhestkoy vtulki na beskonechnyy tsilindr).

PERIODICAL: "Izvestiya Akademii Nauk, Otdeleniye Tekhnicheskikh Nauk" (Bulletin of the Ac.Sc., Technical Sciences Section), 1957, No.8, pp.153-155 (U.S.S.R.)

ABSTRACT: The problem can be reduced to an integral equation expressing the radial deformation of the shaft as a function of the sought contact stress. For writing this equation it is necessary to know the function expressing the influence of the shaft, i.e. the radial deformation of the shaft surface due to the concentrated radial load of the sleeve. In the case of a solid (non-hollow) shaft the stress function can be used which is expressed by eq.(1), p.153, see Shapiro, G.S. (1). The author applies solutions which were arrived at by Reisner, E. (2) and Galin, L.A. (3) and in this paper the solutions are used which were arrived at by Galin. By comparing the solutions obtained by increasing the number of terms in the series, in eq.(10), it is possible to evaluate the accuracy of the arrived at solution Card 1/2

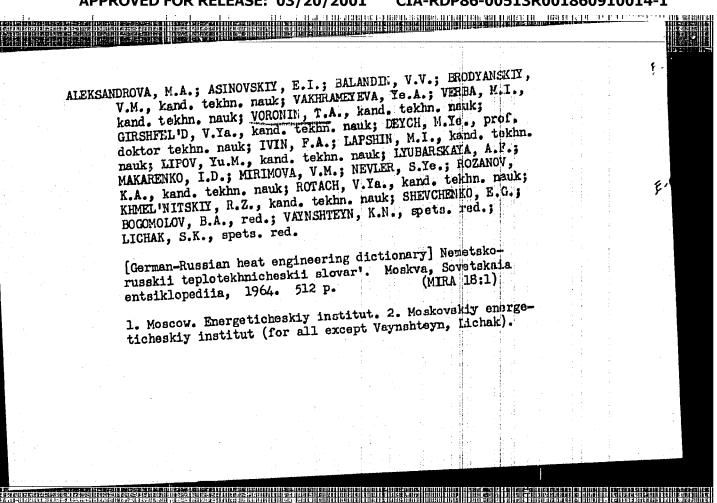
24-8-27/34 Contact stresses occurring in the case of a close fit of a rigid sleeve on an infinite cylinder. (Cont.)

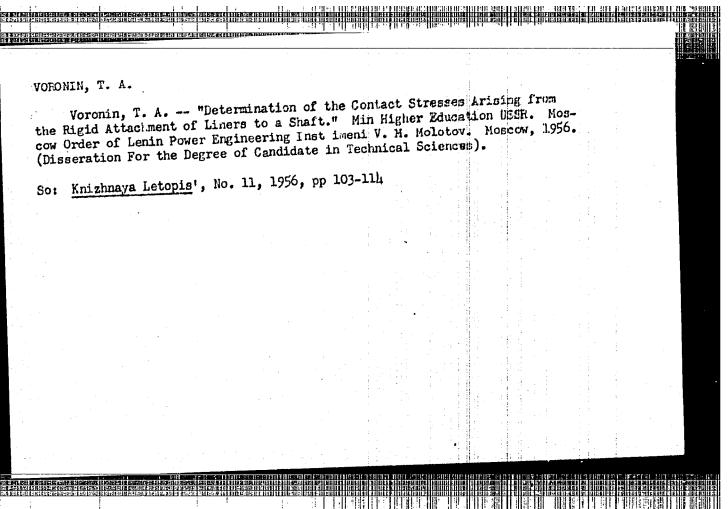
and this is illustrated by the graph, Fig.2. There are 2 figures and 3 references, 2 of which are Slavic.

SUBMITTED: Jamuary 17, 1957.

AVAILABLE: Library of Congress

Card 2/2





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USSR/General Problems of Pathology. Immunity.

U-1

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 27588

: Voronina, T.Z. : Not Given Author

Inst

: The Effect of Cooling on Irmunabiological State of Rabbits. Title

Orig Pub : Sb. nauchn. tr. Vinnitsk. gos. med. in-ta, 1957, 8, 238-243

Abstract: On the 5th day after having been immunized 4 times with warmed typhoid vaccine, the rabbits were subjected to cooling at -4° and -5° for 1 hour. After immunization the average agglutinins' titer was 1:12,000 and phagocytic index was 6.2; on the 5th day after cooling the values were 1:20,000 and 7.8 and after cooling for 5 times they were 1:8,000 end 2.8, respectively.

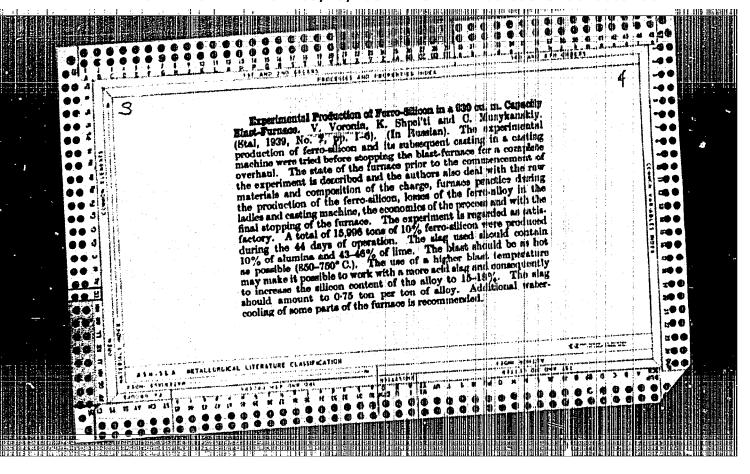
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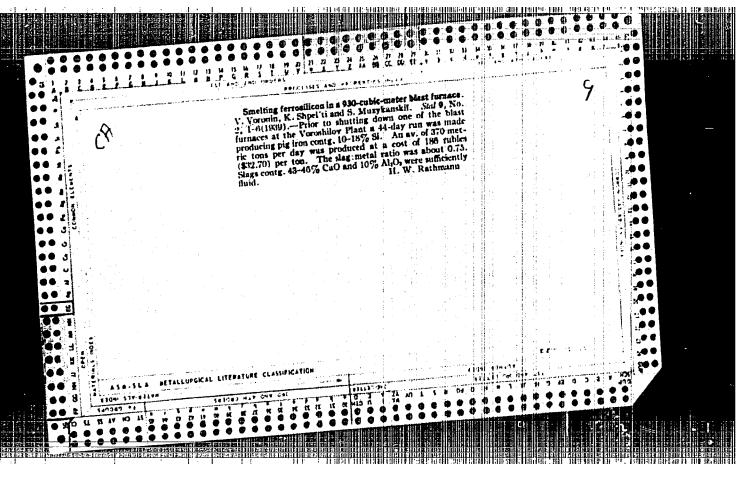
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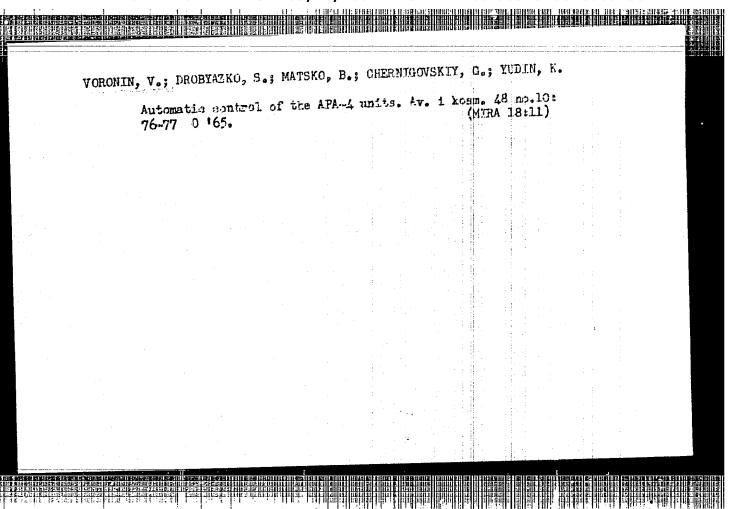
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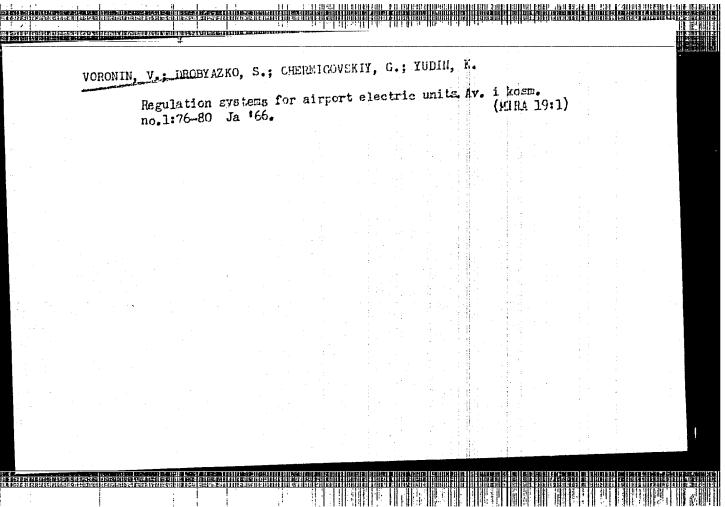
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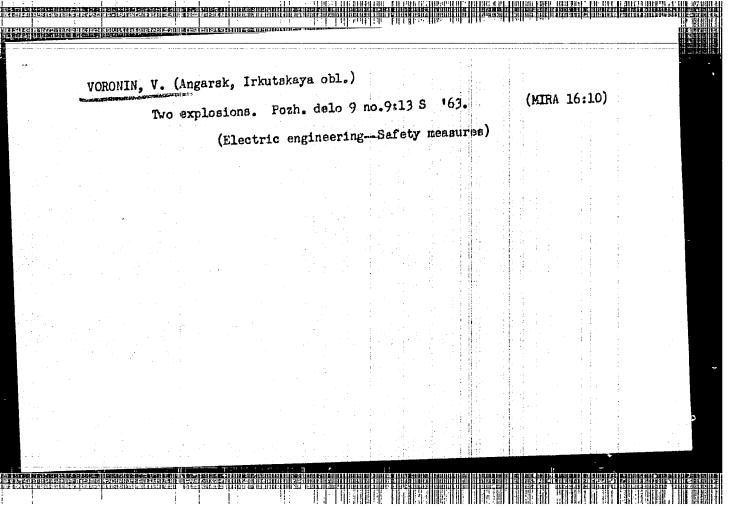


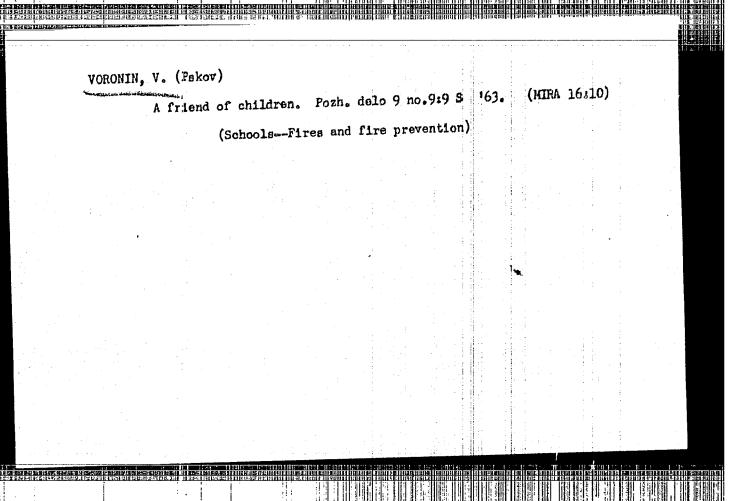
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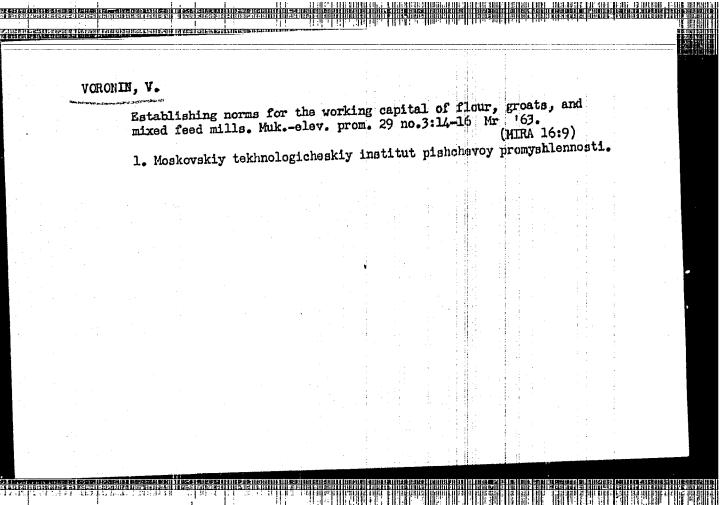


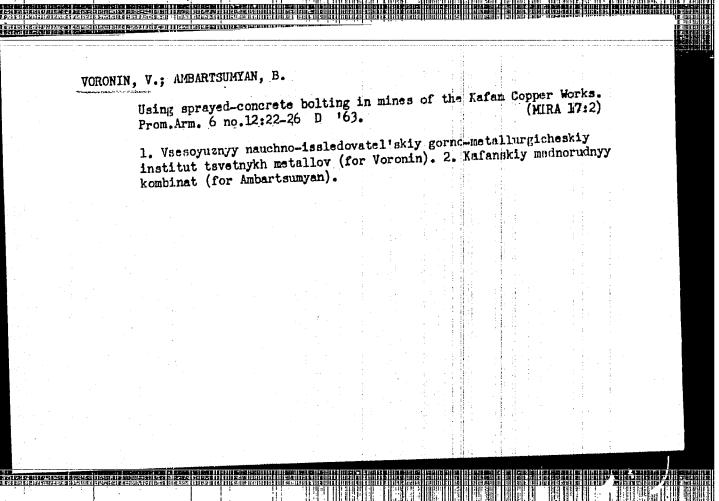


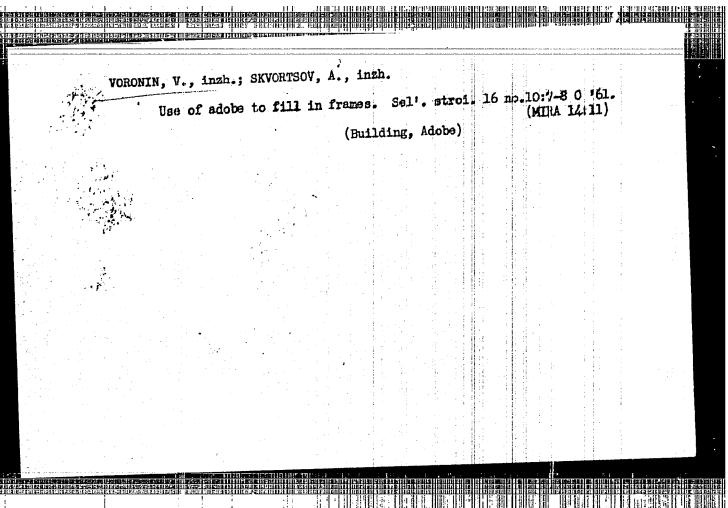






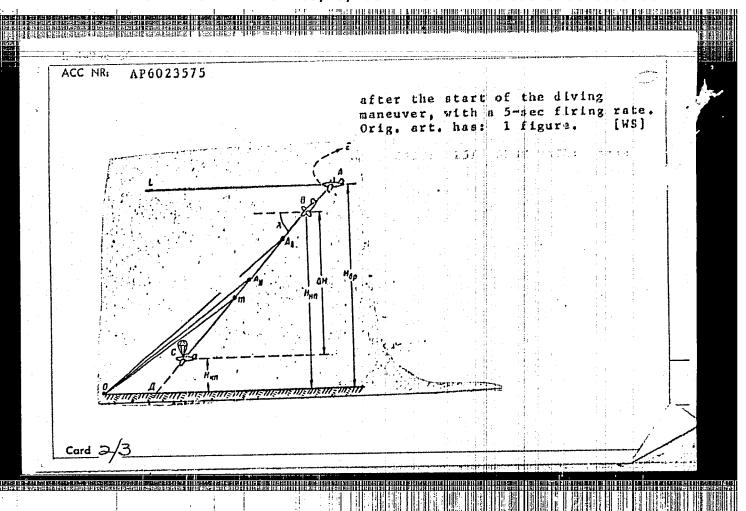




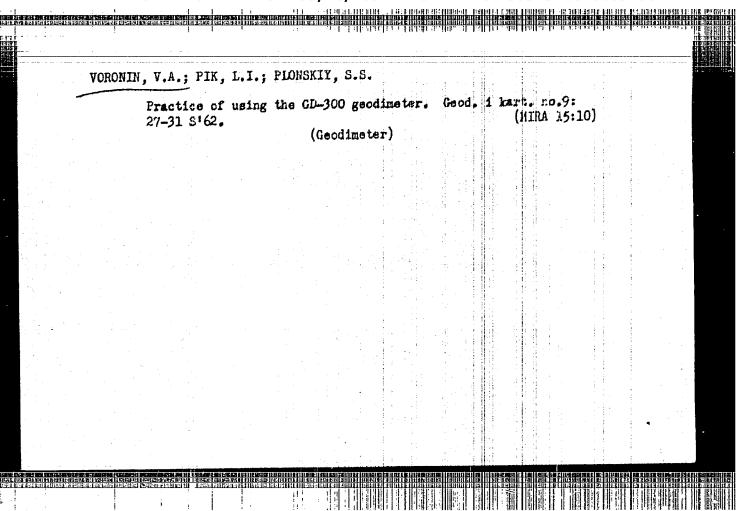


Ē	44296-66 EWT(d)/FSS-2/EWT(1) ACC NR: AP6023575(A) SOURCE CODE: UR/0018/66/000/007/0084/0086	
	AUTHOR: Voronin. V. (Captain)	
1	ORG: none	
	TITLE: When the target dives [Antiaircraft training]	
	SOURCE: Voyennyy vestnik, no. 7, 1966, 84-86	٠.
	TOPIC TAGS: antiaircraft defense, antiaircraft fire control system, military training	
	ABSTRACT: In the training of antiaircraft batteries to destroy diving airborne targets, using the APM-6 diving target, practice-firing conditions approximating those of combat have been attained. A diagram is used to explain the entire exercise (see Fig. 1). It is recommended to start firing at a diving target not later than 5 sec	
1	recommended to start firing at a diving target	
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	L 44296-66
	ACC NR: AP6023575
•	Fig. 1. Antiaircraft exercise using a diving
	"" Altitude at which airborne target is dropped; "" Altitude at which target begins to dive; "" Altitude at end of dive; "" Point where target falls; Location of target at moment firing begins; "" Course of aircraft after dropping the target; "" Location of target at moment firing begins; "" Location of target at moment firing begins; "" Location of predicted point, determined by antiaircraft fire director; "" Actual target location at the moment the shell bursts; "" May - Linear value of dynamic error.
	SUB CODE: 15/ SUBM DATE: none
	Card 3/3 U. /



9(5);28(2)

PHASE I BOOK EXPLOITATION

sov/3297

Vorunin, V. A.

O mashinnom perevode s kitayskogo na russkiy yazyk (Machine Translation From Chinese to Russian) Moscow, 1958. 34 p. 300 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut tochnoy mekhaniki.

No contributors mentioned.

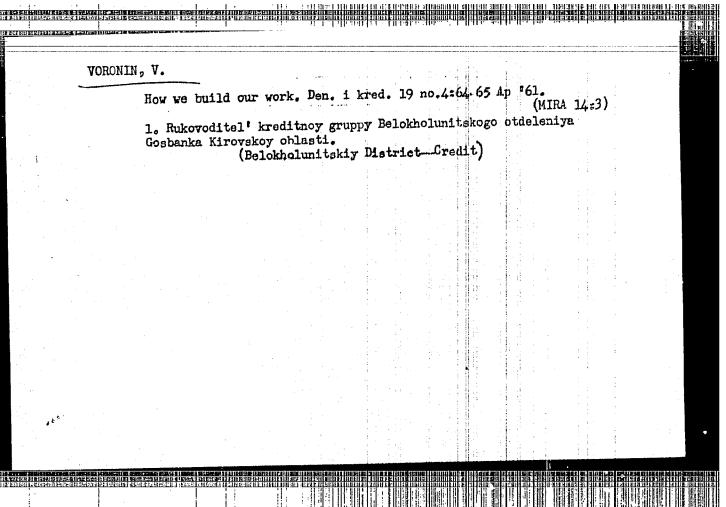
PURPOSE: The booklet is intended for specialists in machine translation.

COVERAGE: Some basic principles of the first pattern of the algorithm for machine translation from Chinese to Russian are discussed. Work on this problem started with a study of practical material and simultaneous research on a method of analysis of the Chinese sentence. A brief description of the main stages of grammatical analysis of the Chinese sentence is given. Scientific

Card 1/2

Machine Translation (Cor	nt.)	SOV	/3297
tests in the field of neering and biology wentioned. Two Sovie	vere used as mat	erial. No pe	ruction engi- rsonalities are
TABLE OF CONTENTS:			
Introduction			3
I. Syntactical Analysis	of the Chinese	Sentence	g
II. Development of the	** phological Ch	aracteristics	of a Word 27
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VORONTSOV, L.; VORONIN. V.

Russia - Politics and Government

Prepare for the anniversary of the Stalin constitution. Klub no. 5. 1951.

Monthly List of Russian Accessions, Library of Congress, August, 1952. Unclassified.

APPROVED FOR RELEASE: 03/20/2001

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I. 27721-66 EWT(1)/ETC(f)/ENG(m)/EWA(h) TT/AT
AUTHOR: Yoronin, V.; Drobyazko, S.; Chernigovski, G.; Yudin, E.
ORG: None
TITIE: Control systems for airfield electric power units  SOURCE: Aviatsiya kosmonavtika, no. 1, 1966, 76-80
TOPIC TAGS: airfield auxiliary equipment, diesel engine, electric generator unit  ABSTRACT: The operation and control of diesel-generator units are dis-
gas-turbine engines. The current, voltage and speed-starting pharacter-
behavior of diesel engines also were analyzed with the help of a speed- load curve. To overcome peak loads, it was recommended to keep constant (or even to increase) the speed of the diesel engine and simultaneously limit the rise of electric power by lowering the generator voltage. The
effectiveness of this method was illustrated by an oscillogram showing the variations of current, voltage and speed. The engine speed was regulated by opening the throttle valve. An electromagnetic regulator was
used to govern the speed of the APA-2 and APA-3 diesel-generator units.  Card 1/2  Card 1/2

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BELIKOV, Yevgeniy Fedorovich, dotsent; YORONIN, Viktor Aleksandrovich, inzh.; GLOTOV, Georgiy Fedorovich, dotsent; ZELEHKOV, Yuriy Vladimirovich, inzh.; IVAHOV, Leonid Fedorovich, inzh.; KORENEV, Gleb Sergeyevich, inzh. [deceased]; MASLKHNIKOV, Anstoliy Stepanovich, inzh.; SIROTKIN, Mikhail Pavlovich, dotsent; ULITIN, Andrey Il'ich, inzh.; URUSOV, Nikita Yur'yevich, inzh.; FLOROVSKIY, Yuriy Sergeyevich, inzh.; SHAKHIDZHANYAN, Grand Aleksandrovich, inzh.; RGLIT, Vitaliy Ivanovich, inzh.; VASIL'YEVA, V.I., red.izd-va; ROMANOVA, V.V., tekhn.red.

[Guidebook on principles of engineering geodesy used in planning and building hydroelectric power stations] Spravochnoe rukovodstvo po inzhenerno-geodezicheskim izyskaniiam pri proektirovanii i stroitel'stve gidroelektrostantsii. Pod obshchei red. B.F.Belikova.

Moskva, Izd-vo geodez.lit-ry, 1960. 447 p. (MIRA 13:11)

(Hydroelectric power stations) (Geodesy)

BELIKOV, Ye.F., dotsent; VASILENKO, S.S., insh.; KOLOSOV, B.A., dotsent, retsenzent; VOHONIN, Y.A., insh., retsenzent; FILORENKO, A.S., prof., red.; KHRONCHENKO, F.I., red.izd-va; HOMANOVA, V.V., tekhn.red.

[Engineering surveying in planning and constructing hydroelectric power stations] Inshenerno-geodesicheskie raboty pri proektirovanii i stroitel'stve gidroelektrostantsii. Pod red. A.S.Filonenko. Moskva, Izd-vo geodez.lit-ry, 1960. 172 p. (MIRA 13:7)

(Surveying) (Hydroelectric power stations)